



11-13-04
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Dominguez, et al.

Serial No.: 10/826,982

Group Art Unit No.: 1614

Filed: April 15, 2004

Examiner:

For: SUBSTITUTED HETEROCYCLIC COMPOUNDS
AND METHODS OF USE

Docket No.: A-837

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

As a means of complying with the duty of disclosure under 37 CFR 1.97 and 1.98, applicant(s) submit(s) a "List of References Cited by Applicant" on a modified PTO-1449 form and provide(s) a copy of each of the listed references for consideration by the Examiner.

Applicant, by the undersigned attorney/agent, certifies that each item contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 30 days pursuant to 37 C.F.R. 1.704(d) prior to the filing of this statement.

Reference EP 0 324 347 is structurally related and shares a pyridazines core with the pending application. Applicant(s) request(s) consideration of this information and passage of the application to issue.

The Commissioner is hereby authorized to charge any filing fees, which may be required or credit any overpayment to Deposit Account No. 01-0519 in the name of Amgen Inc.

Please send all future correspondence to:

US Patent Operations//RVP
Dept. 4300, M/S 27-4-A
AMGEN INC.
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Respectfully submitted,

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Date: November 1, 2004

EXPRESS MAIL CERTIFICATE

"Express Mail" mail labeling number: EV 351337373US

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Signature

Modified Form PTO-1449

Atty. Docket No.

A-837

Serial No.

10/826.982

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

Applicant

Dominguez, et al

Filing Date

April 15, 2004

Group

1614

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
	B16	EP 0 324 347	19 July 1989	DE				<input checked="" type="checkbox"/>
	B17	WO 00/31065	2 June 2000	PCT				
	B18	WO 01/42241	14 June 2001	PCT				
	B19	EP 1 156 039	21 Nov 2001	JP				

OTHER DOCUMENTS (Including Publisher, Author, Title, Date, Pertinent Pages, Etc.)

C61	Nannini, G. et al., "Synthesis and Pharmacological Activity of some 5,6-Diphenyl-pyridazines" European Journal of Medicinal Chemistry, 14(1) 53-60 (1979)
C62	Ghosh, Usha et al., "Estrogenic diazenes: heterocyclic non-steroidal estrogens of unusual structure with selectivity for estrogen receptor subtypes", Bioorganic & Medicinal Chemistry 11(4) 629-657 (2003)
C63	El-Dean, Kamal et al., "Synthesis and antimicrobial activity of pyrazolo [3',4':4,3]pyrido [6,5-c]pyridazine and thieno [2,3-c]pyridazine derivatives" Abstract & Pharmazie, 53(12) 839-843 (1998)
C64	Assy, M. G. et al., "The synthesis of pyridazine and fused pyridazine", Abstract & Polish J of Chemistry 69(5) 685-687 (1995)
C65	Ismail, M. Fekry et al., "Reactivity of 4-acetyl-3-chloro-5, 6-diphenylpyridazine towards some nucleophilic reagents, synthesis of some fused pyridazine derivatives" Abstract & J Fuer Praktische Chemie 331(3) 399-404 (1989)
C66	Aydin, Adnan et al., "Reactions of 3,4-dichloro-5,6-diphenylpyridazine" Abstract & Chemica Acta Turcica 10(2) 93-112 (1982)
C67	Berger, Ulrich et al., "Diels-Alder reactions with cyclic imines. III. Cycloaddition of imines to tetrazines" Abstract & Archiv Der Pharmazie 315(5) 428-437 (1982)
C68	Evans, Steven et al., "A facile and general pyridazine synthesis from .alpha.-diketone monohydrazones and .beta.-oxo esters or .beta.-diketones" Abstract & J of Organic Chemistry 42(13) 2321-2324 (1977)
C69	Freeman, Jeremiah P. et al., "Heterocyclic N-oxides as synthetic intermediates. 5. Synthesis of 5-aminopyridazine 1-oxides" Abstract & J of Organic Chemistry 41(25) 3970-3974 (1976)
C70	Ajello, T. et al., "New pyridazine derivatives. 4-Amino-and 4-hydroxypyridazines" Abstract & Atti Della Accademia Di Scienze, Lettere E Arti Di Palermo 30, 77-92 (1971)
C71	Tsuchiya, Takashi et al., "Photochemistry. V. Photocyclization of 3,4,6-tri- and 3,4,5,6-tetraphenylpyridazines. Formation of 1,2=diazapolyarenes" Abstract & Chemical & Pharmaceutical Bulletin 19(10) 2204-2207 (1971)
C72	Sprio, Vincenzo et al., "Nuclear transformation by hydrogenolysis. III. Transformation of the isoxazole nucleus into the pyridazine nucleus" Abstract & Annali Di Chimica 57(7) 846-854 (1967)
C73	Spiro, Vincenzo et al., "4-Substituted pyridazines" Abstract & Annali Di Chimica 48, 1316-1321 (1958)

EXAMINER:

Date Considered:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.